

WIRELESS PROGRAMMABLE LOGIC DEVICES

ABSTRACT OF INVENTION

A wireless programmable logic device contains a wireless component and a programmable logic component. A remote wireless host can be used to program the programmable logic device. Some product designs require multiple programmable logic devices. When wireless programmable logic devices are used in the design, all of them can receive data and commands from the host. As a result, the wireless host can control the order of configuration and the start time of these logic devices. There is no need to build glue logic for this purpose. Consequently, the efficiency in product design is improved. If there are problems in programming a programmable logic device, the host can log the failed operation in its memory. This information could be used to improve production flow.